

PGAM 80W-100W AUX IP30

American gauge



Product family features

- Rated input voltage: 347-480V/ac
- Input voltage range: 312-528V/ac
- THD<20%
- Operating temperature: -25°C~+55°C
- Max. case temperature: 90°C
- Protection grade: IP30
- Protections: Short circuit, overload, no-load, Over temperature protection
- Warranty: 5 years
- Application: : Linear high Bays, low Bays, Round High Bays, Strip Lights

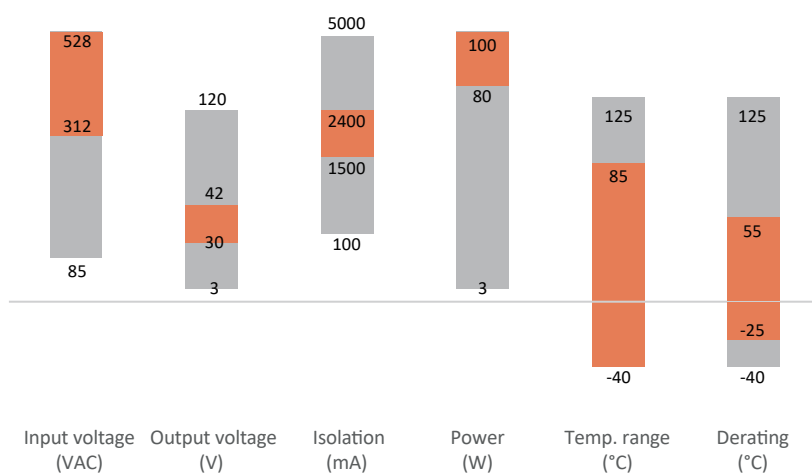


Areas of application

- Industrial lighting



Summary



Product datasheet

Technical data

Electrical data

Product Modle	Rated Power	Input Voltage	Output Current	Output Voltage Range	Power Factor	Efficiency	Size	Certification
PGAM080C1500VSLM3-AUX	80W	347-480V	1500mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM080C1600VSLM3-AUX	80W	347-480V	1600mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM080C1700VSLM3-AUX	80W	347-480V	1700mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM080C1800VSLM3-AUX	80W	347-480V	1800mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM080C1900VSLM3-AUX	80W	347-480V	1900mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM100C2000VSLM3-AUX	100W	347-480V	2000mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM100C2100VSLM3-AUX	100W	347-480V	2100mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM100C2200VSLM3-AUX	100W	347-480V	2200mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM100C2300VSLM3-AUX	100W	347-480V	2300mA	30-42V	0.9	86%	242*61*42mm	UL
PGAM100C2400VSLM3-AUX	100W	347-480V	2400mA	30-40V	0.9	86%	242*61*42mm	UL

Electrical Specifications

Category	Item	Technical Norm
Input	Rated Input Voltage	347-480VAC
	Range of Input Voltage	312-528VAC
	Frequency	50/60Hz
	Input Current	≤0.35A(347VAC,full load)
	Input Power	≤115W(347VAC,full load)
	Power Factor	≥0.9(347-480VAC,full load)
	THD	<20% (347-480VAC,full load)
	No-load Power Consumption	≤3W
	inrush Current	<65A (480VAC)
	Leakage current	<0.75mA (480VAC)
output	Current Accuracy	≤±5%
	Load regulation	≤±3%
	Line regulation	≤±3%
	Max. Output Power	96W+2.4W
	Started Delay Time	≤0.75S(347-480VAC,full load)
	Current Ripple	<±5% Output current

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Technical data

Electrical Specifications

AUX output	Scintillation index	<0.05
	Scintillation percentage	<10%
	Range of Output Voltage	12V $\pm$ 5%
	Range of Output Current	0-200mA
Dimming	Dimming Type	0-10V Dimming DIM OFF
	Features	Isolation Dimming
	DIM OFF Voltage	0.6-0.8V
	DIM ON Voltage	0.7-0.9V
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
Environment	Ta/Operation Temperature	-25....+55°C
	Ts/Storage Temperature	-40....+85°C
	Tc/Enclosure Temperature	90°C
	Humidity	10%....90%RH
Construction	Connection Method	Wire
	Installation	Independent external
	Input wire specification	UL1015 18AWG 105°C 600V 单股线/ UL1569 18AWG 105°C 600V 单股线
	Output wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
	0-10V Dimmable wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
	12V AUX wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
	Dimension	242*61*42mm
Standards	Safety Standards	Conform UL, cUL, UL8750 Class 2
	EMC Standards	Conform FCC Part 15 Class A, Compliance to EN 61547/1995+A1/2000
Others	MTBF	300000h measured at full load, 25°C ambient temperature MIL-HDBK-217F(25°C)

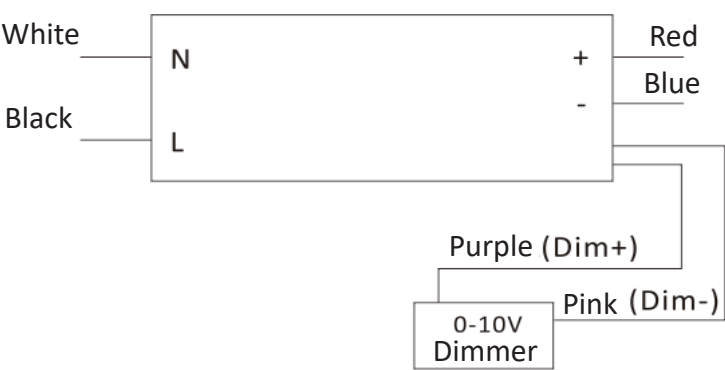
Product datasheet

Technical data

Electrical Specifications

Remark	Life Time	50000h @55°C(Ta)/90°C(Tc)
	Warranty	5 years
	Power supply is considered as a component and used in combination with terminal equipment, because EMC is affected by the whole set of equipment, the manufacturer of terminal equipment needs to re-emc confirm the whole set of equipment.	

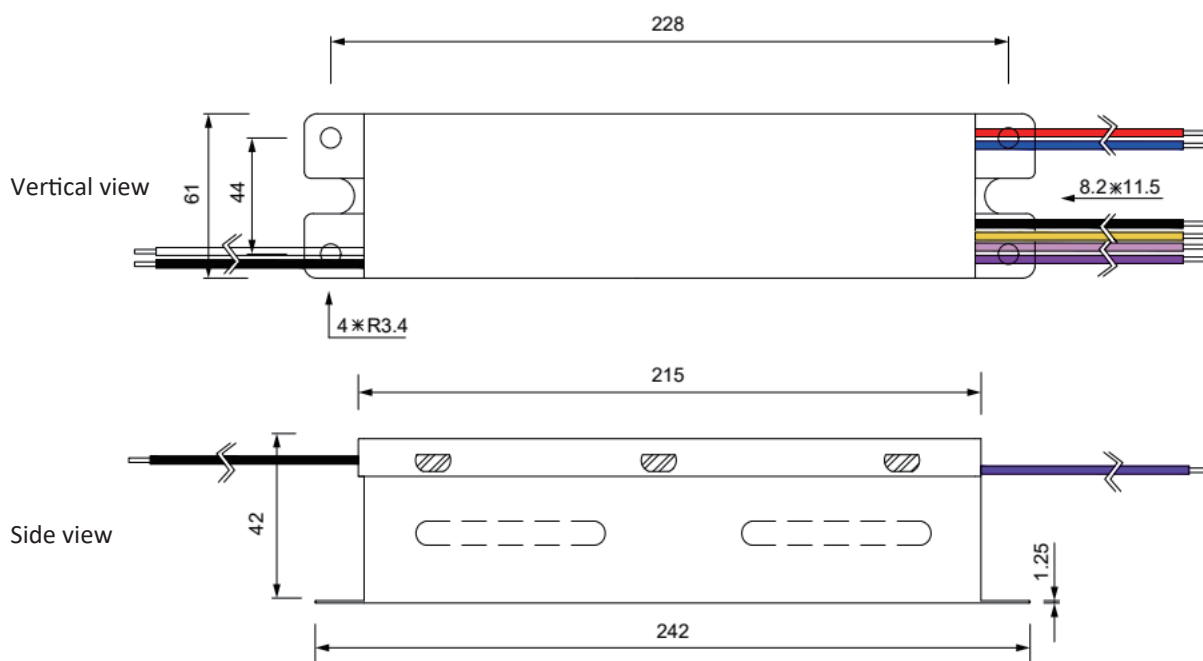
Installation



Product datasheet

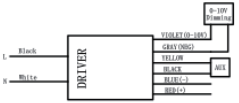
Appearance information

Dimensions



Label

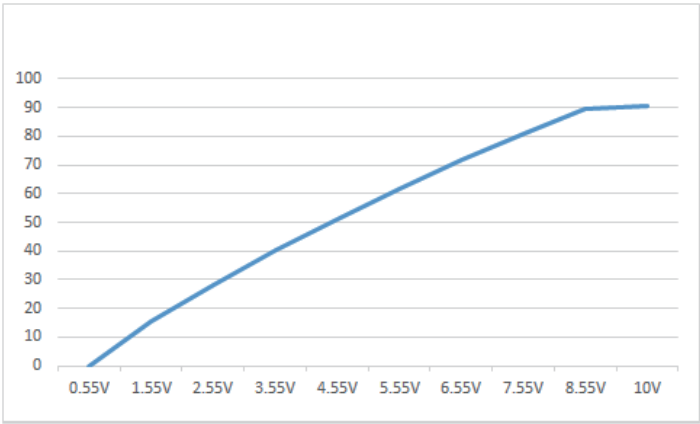
The sample label

 PGAM100C2400VSLM3-AUX Input: 115W 350mA @Vin = 347V PF > 0.9@full load Output: 30-40VDC 2400mA Pout: 96W 0-10V Dimming AUX: 12VDC 0-200mA Class 2 Power Supply For use with dry or damp location only For Connections Use Wire Rated for at least 90°C (194° F) Class P	CONSTANT CURRENT Dimmable LED Driver 347-480V 50/60Hz	CAUTION DISCONNECT LINE VOLTAGE BEFORE INSTALLING OR REPLACING. CASE MUST BE GROUNDED   www.pairuigroup.com Made in China	
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Product datasheet

Appearance information

The dimming curve



Packaging information

Carton L*W*H(mm)	Pcs/Carton	weight/Pcs(kg)	weight/Carton(kg)	Gross weight/ Carton(kg)
365*260*125	10	0.8	8	8.8